



M T B F

(M I L - H D B K 2 1 7 F   N O T I C E   2 )

Model	UMA120F-5-Y
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No.	P a r t s		Q'ty of Device	Failure rate [10 <sup>-6</sup> /H]	R e f e r e n c e
1	I C	M o n o l i t h i c	4	1. 9190	
2		H y b r i d	0	0. 0000	
3	T r a n s i s t o r s		10	10. 2930	
4	D i o d e s		15	0. 6550	
5	LED・Optocouplers		2	0. 3270	
6	R e s i s t o r s		90	0. 3480	
7	C a p a c i t o r s		45	3. 6700	
8	Transformer・Choke Coil		9	0. 4740	
9	C o n n e c t o r s		247	0. 0130	
1 0	O t h e r s		5	0. 0350	
Total Failure Rate [10 <sup>-6</sup> /H]				17. 7340	

M T B F	[H]	56, 400
Ambient Temperature	[℃]	35. 0
Load Factor	[%]	100



M T B F (E I A J R C R - 9 1 0 2)

Model	UMA120F-5-Y
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No.	P a r t s		Q'ty of Device	Failure rate [10 <sup>-6</sup> /H]	R e f e r e n c e
1	I C	M o n o l i t h i c	4	0.1460	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		10	0.6963	
4	D i o d e s		15	0.2310	
5	LED•Optocouplers		2	0.1400	
6	R e s i s t o r s		90	0.4376	
7	C a p a c i t o r s		45	0.4487	
8	Transformer•Choke Coil		9	0.1242	
9	C o n n e c t o r s		247	0.0594	
10	O t h e r s		5	0.1850	
Total Failure Rate [10 <sup>-6</sup> /H]				2.4682	

M T B F	[H]	405,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—

\* BD-9473